

THIS PROJECT INVOLVES THE RECONSTRUCTION OF AN EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 235 AND SHADEY MILE DR./OLD ROLLING RD. IN ST. MARY'S COUNTY. THE WORK IS NECESSITATED BY THE WIDENING ALONG SHADEY MILE DRIVE. THE PROJECT WILL BE PROVIDING SOUTHBOUND DOUBLE LEFT TURN LANES ONTO SHADEY MILE DR. MD 235 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

THE INTERSECTION WILL OPERATE IN A NEMA SIX-PHASE, FULLY-TRAFFIC-ACTUATED MODE WITH A DOUBLE EXCLUSIVE LEFT TURN PHASE FOR N.B. AND S.B. MD 235. THE SIDE ROADS OPERATE WITH SPLIT SIDE ROAD PHASING.

THE EXISTING OVERHEAD TRAFFIC SIGNAL INTERCONNECT CABLE (NORTH) WILL BE REMOVED AND REPLACED WITH NEW CABLE FROM THE INTERSECTION CONTROLLER CABINET AT MD 235 AND MD 4. THE EXISTING OVERHEAD INTERCONNECT CABLE (SOUTH) FROM TOWN CREEK RD. SIGNAL CABINET WILL BE DISCONNECTED AND REROUTED INTO THE NEW CONTROLLER CABINET.

MRS. KIM TRAN  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
(410) 841-1003

MR. JOE HORTY  
ASSISTANT DISTRICT ENGINEER - UTILITIES  
(410) 841-1005

MR. RICHARD DAFF, SR.  
CHIEF, TRAFFIC OPERATIONS  
(410) 787-7630

MR. ROBERT SNYDER  
ASSISTANT DIVISION CHIEF,  
TRAFFIC OPERATIONS  
(410) 787-7631

MR. ED RODENHIZER  
CHIEF SIGNAL OPERATIONS  
(410) 787-7652

MR. JOHN MAYS  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
(410) 841-1002

MR. EUGENE BAILEY  
CHIEF SIGN OPERATIONS  
(410) 787-7676

MS. DARLENE EIDE  
SUPPLY OFFICE  
CHIEF, SIGNAL SHOP WAREHOUSE  
(410) 787-7668

TO CROSS MD 235

TO CROSS MD 235

- A. WHEN PEDESTRIAN LOCATES AND PRESSES PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE "WAIT TO CROSS THREE NOTCH AT SHADY MILE."
- B. WHEN WALK PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE WALK PHASE
- TO CROSS SHADY MILE DR.
- A. WHEN PEDESTRIAN LOCATES AND PRESSES PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE "WAIT TO CROSS SHADY MILE AT THREE NOTCH."
- B. WHEN WALK PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE WALK PHASE

A. EQUIPMENT TO BE FURNISHED BY THE SHA AND INSTALLED BY THE CONTRACTOR

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR. ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO THE OFFICE OF TRAFFIC AND SAFETY FOR APPROVAL PRIOR TO INSTALLATION.

EQUIPMENT LIST "C"

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY THE SHA AT (410) 787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.

ALL SIGNAL EQUIPMENT TO BE REMOVED AND NOT RETURNED TO THE SHA SHALL  
BECOME THE PROPERTY OF THE CONTRACTOR.

[illegible]

**PHASING CHART**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
(C) (B)	(C) (B)	(C) (B)	(A) (S)	(A) (S)	(C) (B)	(C) (B)	(C) (B)	(A) (S)	(A) (S)	(A) (S)	(A) (S)	(A) (S)	(A) (S)	(A) (S)	(A) (S)	(P) (W)	(P) (W)	(P) (W)	(P) (W)	(P) (W)	(P) (W)
←G→	←G→	←G→	R	R	←G→	←G→	←G→	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 1 & 5 MAY CHANGE TO PHASE 1 & 6, 2 & 5, OR 2 & 6																					
←R→	←R→	←R→	R	R	←G→	←G→	←G→	G	G	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
←R→	←R→	←R→	R	R	←Y→	←Y→	←Y→	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
←G→	←G→	←G→	G	G	←R→	←R→	←R→	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
←Y→	←Y→	←Y→	Y	Y	←R→	←R→	←R→	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
←R→	←R→	←R→	G	G	←R→	←R→	←R→	G	G	R	R	R	R	R	R	WK	WK	WK	WK	DW	DW
←R→	←R→	←R→	G	G	←R→	←R→	←R→	G	G	R	R	R	R	R	R	FL-DW	FL-DW	FL-DW	FL-DW	DW	DW
←R→	←R→	←R→	Y	Y	←R→	←R→	←R→	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
←R→	←R→	←R→	R	R	←R→	←R→	←R→	R	R	←G→	←G→	G	R	R	R	DW	DW	DW	DW	DW	DW
←R→	←R→	←R→	R	R	←R→	←R→	←R→	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW	DW	DW
←R→	←R→	←R→	R	R	←R→	←R→	←R→	R	R	←G→	←G→	G	R	R	R	DW	DW	DW	DW	WK	WK
←R→	←R→	←R→	R	R	←R→	←R→	←R→	R	R	←G→	←G→	G	R	R	R	DW	DW	DW	DW	FL-DW	FL-DW
←R→	←R→	←R→	R	R	←R→	←R→	←R→	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW	DW	DW
←R→	←R→	←R→	R	R	←R→	←R→	←R→	R	R	R	R	R	G	←G→	G	DW	DW	DW	DW	DW	DW
←R→	←R→	←R→	R	R	←R→	←R→	←R→	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW
←FLR→	←FLR→	←FLR→	FLY	FLY	←FLR→	←FLR→	←FLR→	FLY	FLY	FLR	FLR	FLR	FLR	FLR	FLR	DARK	DARK	DARK	DARK	DARK	DARK

325 Gambrills Road  
Suite B  
Gambrills, MD 21054  
(410) 923-7101  
FAX: (410) 923-6473  
TRAFFIC@TRAFFIC-CONCEPTS.COM

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

GENERAL INFORMATION PLAN  
MD 235 (THREE NOTCH ROAD) AND  
OLD ROLLING ROAD/SHADY MILE DRIVE

SCALE NONE DATE 1-14-09 CONTRACT NO BW996M82

DESIGNED BY	S. RENZI	COUNTY	ST. MARY'S
DRAWN BY	J.K. SCHMID	LOGMILE	18023515.88
CHECKED BY	K. SCHMID	T.I.M.S. NO.	1969
F.A.P. NO.	N/A	TOD NO.	

DRAWING NO.	TS- 3066	GI	SHEET NO.	2	OF	2
-------------	----------	----	-----------	---	----	---

PLOTTED: Tuesday, March 17, 2009 AT 02:10 PM  
FILE: M:\2200\2281\Signal\BGN\signal-6-08.d